

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S99   | 2    | ("20050091199").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 15:21 |
| S100  | 12   | ((("20050091199") or ("6088691") or ("5832477") or ("5822750") or ("5680603") or ("5548755")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 15:21 |
| S101  | 43   | ("5548755"   "5548758").PN. OR ("5822750").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/08/08 15:21 |
| S102  | 20   | ("5822750"   "5950186"   "6032143"   "6067542").PN. OR ("6356887").URPN.                          | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2007/08/08 15:21 |
| S108  | 171  | (build\$3 construct\$3)same sql same template   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 15:28 |
| S109  | 25   | (build\$3 construct\$3)same (sql near4 template)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 15:21 |
| S110  | 93   | (sql near4 template) same query   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 15:21 |
| S111  | 8    | S110 and alias  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 15:21 |
| S112  | 16   | sql same template same placeholder  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/08 15:21 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S11<br>3 | 93 | (sql near4 template) same query                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 15:21 |
| S11<br>4 | 8  | S113 and alias                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 15:21 |
| S11<br>5 | 4  | sql same template same placeholder<br>and alias | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 15:21 |
| S11<br>7 | 22 | (optimize adj3 join) same sql                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 15:21 |
| S11<br>8 | 58 | (optimiz\$3 adj3 join) same sql                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 15:21 |
| S11<br>9 | 23 | (alias adj3 list) same query                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 15:21 |
| S12<br>0 | 33 | (clause near2 generat\$3) same<br>template      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 15:21 |
| S12<br>6 | 61 | (column field) same (alias adj2 list)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/08 15:21 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S12<br>7 | 40 | (column field) same (alias adj2 list) and query  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S12<br>8 | 14 | (unnecessary near4 table) same join  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S12<br>9 | 4  | ((("6640221") or ("6553371")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:21 |
| S13<br>0 | 4  | S129 and (necessary join list alias clause generation "where")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S13<br>1 | 5  | (US-20020169768-\$ or<br>US-20020143749-\$ or<br>US-20030093374-\$ or<br>US-20040220928-\$ or<br>US-20040220917-\$).did. or<br>(US-5664173-\$ or US-6748374-\$).<br>did. | US-PGPUB;<br>USPAT  | OR | ON  | 2007/08/08 15:21 |
| S13<br>2 | 93 | (sql near4 template) same query  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S13<br>5 | 5  | (US-20020169768-\$ or<br>US-20020143749-\$ or<br>US-20030093374-\$ or<br>US-20040220928-\$ or<br>US-20040220917-\$).did. or<br>(US-5664173-\$ or US-6748374-\$).<br>did. | US-PGPUB;<br>USPAT  | OR | ON  | 2007/08/08 15:21 |
| S13<br>6 | 40 | (column field) same (alias adj2 list) and query  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |

## EAST Search History

|          |    |   |   |    |     |                  |
|----------|----|---|---|----|-----|------------------|
| S13<br>7 | 8  | S132 and alias  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S13<br>8 | 23 | (alias adj3 list) same query  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S13<br>9 | 93 | (sql near4 template) same query   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S14<br>0 | 8  | S139 and alias  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S14<br>1 | 43 | ("5548755"   "5548758").PN. OR<br>("5822750").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/08/08 15:21 |
| S14<br>2 | 12 | ((("20050091199") or ("6088691") or<br>("5832477") or ("5822750") or<br>("5680603") or ("5548755")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:21 |
| S14<br>3 | 4  | ((("6640221") or ("6553371")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:21 |
| S14<br>5 | 61 | (column field) same (alias adj2 list)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S14<br>6 | 16 | sql same template same placeholder  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |

## EAST Search History

|          |    |   |   |    |     |                  |
|----------|----|---|---|----|-----|------------------|
| S14<br>7 | 4  | S143 and (necessary join list alias<br>clause generation "where")               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S14<br>8 | 20 | ("5822750"   "5950186"   "6032143"<br>  "6067542").PN. OR ("6356887").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/08/08 15:21 |
| S14<br>9 | 25 | (build\$3 construct\$3)same (sql<br>near4 template)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S15<br>0 | 22 | (optimize adj3 join) same sql   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S15<br>1 | 4  | sql same template same placeholder<br>and alias                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S15<br>2 | 14 | (unnecessary near4 table) same join   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S15<br>3 | 33 | (clause near2 generat\$3) same<br>template                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |
| S15<br>4 | 2  | ("20050091199").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:21 |
| S15<br>6 | 58 | (optimiz\$3 adj3 join) same sql   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/08 15:21 |

## EAST Search History

|          |    |   |                              |    |    |                  |
|----------|----|---|------------------------------|----|----|------------------|
| S15<br>7 | 40 | placeholder with sql  | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S15<br>8 | 29 | (placeholder with sql) and<br>placeholder and @ad<"20031023"  | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S15<br>9 | 16 | (query adj builder) with (form<br>place\$1holder)   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>0 | 3  | (query adj builder) and<br>(name\$1place name\$holder<br>place\$1holder) and database                                 | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>1 | 5  | sql near placeholder  | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>2 | 5  | sql with table with placeholder   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>3 | 45 | dynamic adj sql and placeholder   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>4 | 2  | dynamic adj sql with template   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>5 | 2  | dynamic adj sql same placeholder  | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>6 | 43 | dynamic adj sql and placeholder and<br>@ad<"20031023"   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>7 | 10 | ("6009428"   "6122627"   "6134540"<br>  "6226637"   "6236997"  <br>"6356913"   "6366917").PN. OR<br>("6694321").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/08 15:21 |
| S16<br>8 | 4  | (query adj builder).ti.   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S16<br>9 | 12 | (query adj builder).ab.   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S17<br>0 | 7  | (sql with template).ab.   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |
| S17<br>1 | 16 | (sql and template).ab.  | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/08 15:21 |

## EAST Search History

|          |     |   |                              |    |    |                  |
|----------|-----|---|------------------------------|----|----|------------------|
| S17<br>3 | 2   | (query near2 builder) same sql<br>same table same filter  | USPAT                        | OR | ON | 2007/08/08 15:21 |
| S17<br>4 | 3   | (query near2 builder) same join   | USPAT                        | OR | ON | 2007/08/08 15:21 |
| S17<br>5 | 110 | (alias near list)   | USPAT                        | OR | ON | 2007/08/08 15:21 |
| S17<br>6 | 17  | (alias near list) with database   | USPAT                        | OR | ON | 2007/08/08 15:21 |
| S17<br>7 | 18  | (alias near list) with table  | USPAT                        | OR | ON | 2007/08/08 15:21 |
| S17<br>8 | 81  | ("4068304"   "4087794"   "4506326"<br>  "4635208"   "4686522"  <br>"4815029"   "4821211"   "4843538"<br>  "4853843"   "4868766"  <br>"4873623"   "4885717"   "4899136"<br>  "4933514"   "4939507"  <br>"4945475"   "4951190"   "4953080"<br>  "4984152"   "4989132"  <br>"4996654"   "5001697"   "5019961"<br>  "5040131"   "5041967"  <br>"5041982"   "5121477"   "5175814"<br>  "5228723"   "5261093"  <br>"5263167"   "5276870").PN. OR<br>("5418950").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/28 15:36 |
| S17<br>9 | 18  | qp with (field column) with (filter<br>condition)   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/28 15:22 |
| S18<br>0 | 14  | (qp (query near2 plan)) with (field<br>column) with (filter condition) and<br>database  | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/28 15:28 |
| S18<br>1 | 14  | (qp (query near2 program)) with<br>(field column) with (filter condition)<br>and database   | US-PGPUB;<br>USPAT;<br>EPO   | OR | ON | 2007/08/28 15:28 |
| S18<br>2 | 81  | ("4068304"   "4087794"   "4506326"<br>  "4635208"   "4686522"  <br>"4815029"   "4821211"   "4843538"<br>  "4853843"   "4868766"  <br>"4873623"   "4885717"   "4899136"<br>  "4933514"   "4939507"  <br>"4945475"   "4951190"   "4953080"<br>  "4984152"   "4989132"  <br>"4996654"   "5001697"   "5019961"<br>  "5040131"   "5041967"  <br>"5041982"   "5121477"   "5175814"<br>  "5228723"   "5261093"  <br>"5263167"   "5276870").PN. OR<br>("5418950").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/28 15:37 |
| S18<br>3 | 77  | S182 and (query\$3 select where<br>table column)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/28 15:38 |

## EAST Search History

|          |    |   |                              |    |    |                  |
|----------|----|---|------------------------------|----|----|------------------|
| S18<br>4 | 81 | ("4068304"   "4087794"   "4506326"<br>  "4635208"   "4686522"  <br>"4815029"   "4821211"   "4843538"<br>  "4853843"   "4868766"  <br>"4873623"   "4885717"   "4899136"<br>  "4933514"   "4939507"  <br>"4945475"   "4951190"   "4953080"<br>  "4984152"   "4989132"  <br>"4996654"   "5001697"   "5019961"<br>  "5040131"   "5041967"  <br>"5041982"   "5121477"   "5175814"<br>  "5228723"   "5261093"  <br>"5263167"   "5276870").PN. OR<br>("5418950").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/28 16:47 |
| S18<br>5 | 77 | S184 and (query\$3 select where<br>table column template)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/28 16:47 |